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L1: Entry 1 of 1

File: DWPI

Aug 18, 1994

DERWENT-ACC-NO: 1994-255960

DERWENT-WEEK: 199650

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TITLE: Aq. cosmetic cleanser or concentrate for treatment of dermatoses or dandruff - contains high concn. of electrolyte, and is not irritant to skin and prevents penetration of components of compsn. into outer skin layers

INVENTOR: HELL, C; KOERBAECHER, K ; STELZER, R ; KORBAECHER, K

PATENT-ASSIGNEE:

ASSIGNEE

BEIERSDORF AG

CODE

BEIE

PRIORITY-DATA: 1993DE-4304066 (February 11, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>DE 4304066 A1</u>	August 18, 1994		004	A61K007/50
JP 08506328 W	July 9, 1996		016	A61K007/50
WO 9417782 A2	August 18, 1994	G	014	A61K007/50
<u>DE 4304066 C2</u>	January 26, 1995		004	A61K007/50
WO 9417782 A3	September 29, 1994		000	A61K007/50
EP 683663 A1	November 29, 1995	G	000	A61K007/50

CITED-DOCUMENTS: DE 3910652; EP 379658 ; EP 388810 ; EP 417501 ; EP 442519 ; EP 559375 ; US 4931274 ; WO 9325650 ; No-SR.Pub

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 4304066A1	February 11, 1993	1993DE-4304066	
JP08506328W	January 27, 1994	1994JP-0517509	
JP08506328W	January 27, 1994	1994WO-DE00068	
JP08506328W		WO 9417782	Based on
WO 9417782A2	January 27, 1994	1994WO-DE00068	
DE 4304066C2	February 11, 1993	1993DE-4304066	
WO 9417782A3	January 27, 1994	1994WO-DE00068	
EP 683663A1	January 27, 1994	1994EP-0904971	
EP 683663A1	January 27, 1994	1994WO-DE00068	
EP 683663A1		WO 9417782	Based on

INT-CL (IPC): A61K 7/075; A61K 7/08; A61K 7/50; C11D 1/12; C11D 1/68; C11D 1/90; C11D 3/04

ABSTRACTED-PUB-NO: DE 4304066A

BASIC-ABSTRACT:

Electrolytes are used in concn. above 6 wt.% aq. cosmetic cleansers or in low-water or

water-free cleaning compsn. concentrates, for combatting and prophylaxis of dermatoses, esp. dandruff, and to hinder penetration of surface-active and other substances, contained in the cleanser, into the outer layers of the skin.

Pref. the electrolytes are water-soluble alkali(ne earth) (including Mg), NH<sub>4</sub> and/or Zn salts, pharmaceutically and cosmetically acceptable. The anions are chloride, (hydrogen) sulphate, (hydrogen) phosphate, linear and cyclic oligophosphates, and (hydrogen) carbonates. NaCl is pref. The amt. of electrolyte is 6-30 (6-10) wt.%. The compsns. contain anionic, nonionic and/or amphoteric tensides, e.g. soaps, alkyl (ether) sulphates, alkylbenzene or alkane sulphonates, sulfo-acetates or -betaines, sarcosinates, amidosulphobetaines, sulphosuccinates, semi-esters of sulphosuccinic acid, alkyl ether carboxylates, protein-fatty acid condensates, alkyl- and amido-betaines, fatty acid alkanolamides, and polyglycol ether derivs. The amt. of tenside is 1-94%.

ADVANTAGE - The compsns. are stable, are milder than known compsns., and do not cause drying of the skin, itching, inflammation or dandruff, even with daily washing.

ABSTRACTED-PUB-NO:

DE 4304066C

EQUIVALENT-ABSTRACTS:

Use of electrolytes in a concn. of more than 6 wt.% in aq. cosmetic cleaning agents as their water-poor concentrates is claimed to prevent the penetration of surfactants and/or other cleaning agents into the skin;s outer layers.

Pref. electrolyte is a water-soluble alkali(ne earth) and/or zinc chloride, sulphate, H<sub>2</sub>so<sub>4</sub>, phosphate, hydrogen phosphate, and/or linear and/or cyclic oligophosphate, esp. NaCl.

ADVANTAGE - The process allows mild surfactants to be used that do not irritate the skin.

CHOSEN-DRAWING: Dwg.0/0 Dwg.0/0

TITLE-TERMS: AQUEOUS COSMETIC CLEAN CONCENTRATE TREAT DERMATOSIS DANDRUFF CONTAIN HIGH CONCENTRATE ELECTROLYTIC IRRITATE SKIN PREVENT PENETRATE COMPONENT COMPOSITION OUTER SKIN LAYER

DERWENT-CLASS: A96 D21 E19

CPI-CODES: A12-V01; A12-V04; D08-B04; D08-B09A; D08-B13; D11-A; E31-K05; E32-A04; E33; E33-B; E33-D; E34; E35-C;

CHEMICAL-CODES:

Chemical Indexing M3 \*01\*

Fragmentation Code

A100 A111 A200 A212 A430 A940 C017 C100 C500 C730

C801 C803 C804 C805 C806 C807 M411 M781 M903 M904

P930 P943 Q254 Q261 R023

Markush Compounds

199432-A2701-U

Chemical Indexing M3 \*02\*

Fragmentation Code

A100 A111 A200 A212 A430 A940 B115 B701 B702 B713

B720 B815 B831 B832 B833 C101 C106 C108 C316 C500

C530 C540 C730 C801 C802 C803 C804 C805 C807 M411

M781 M903 M904 P930 P943 Q254 Q261 R023

Markush Compounds

199432-A2702-U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1174U; 1706U

## ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 017 ; P0975 P0964 F34 D01 D10 ; S9999 S1616 S1605 Polymer Index [1.2] 017 ;  
Q9999 Q8037 Q7987 ; Q9999 Q9176 Q9165 ; Q9999 Q9110 ; ND01 ; B9999 B4488 B4466 ; Q9999  
Q9187 Q9165

## POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0013 0231 1279 2509 2675 2761 2766 3273

Multipunch Codes: 017 028 04- 147 398 525 57- 59& 62- 623 624 645 728

## SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1994-117033

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 9004-82-4 REGISTRY

CN Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(dodecyloxy)-, sodium salt  
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Dodecyl alcohol, monoether with polyethylene glycol, hydrogen sulfate  
sodium salt (8CI)

OTHER NAMES:

CN 81-5B

CN Abex 18S

CN Actinol SL 3

CN Alkanate 3SL3

CN Alkasurf ES 60

CN Alscoap AP 30

CN Alscoap TAP 30

CN Avirol 100E

CN Calfoam ES 30

CN Chemsalan RLM 70EO2

CN Conco Sulfate WE

CN Cycloryl NA

CN Cycloryl NA 2

CN Cycloryl NA 61CG

CN Disponil FES 32

CN Disponil FES 61

CN Disponil FES 77

CN Disponil FES 92E

CN Disponil FES 993

CN Eicosaethylene glycol dodecyl ether sulfate sodium salt

CN Elfan 242

CN Elfan NS 242

CN Elfan NS 243

CN Elfan NS 2436

CN Elfan NS 243S

CN Elfan NS 252S

CN Emal 20C

CN Emal 20CM

CN Emal 227E

CN Emal 228D

CN Emal 270D/EG

CN Emal 70C

CN Emal A 70C

CN Emal E 27C

CN Emal E 70C

CN Empicol 0251

CN Empicol 0342

CN Empicol 0405

CN Empicol ESB 3

CN Empicol ESB 30

CN Empicol ESB 3FL

CN Empicol ESB 3M

CN Empicol ESB 3MX

CN Empicol ESB 3S

CN Empicol ESB 70

CN Empimin KSN

CN Empimin KSN 27

CN Empimin KSN 60

CN Empimin KSN 70

CN **Laureth sulfate**

CN **Sodium lauryl ether sulfate**

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DR 12627-22-4, 12627-23-5, 11121-04-3, 171544-36-8, 1335-73-5, 128835-50-7,

53663-56-2, 57762-43-3, 57762-59-1, 131015-92-4, 56572-89-5, 124124-10-3,  
 134364-63-9, 98112-64-2, 95508-27-3, 66747-17-9, 113096-26-7, 51059-21-3,  
 119764-46-4, 115284-60-1, 136752-27-7, 37325-23-8, 73651-68-0, 74349-47-6,  
 76724-02-2, 150502-17-3, 152157-39-6, 156107-97-0, 32057-62-8, 39390-84-6,  
 39450-08-3, 42504-27-8, 116958-77-1, 181434-79-7, 185461-11-4,  
 199605-58-8, 214976-60-0, 216958-79-1, 236428-70-9, 256225-57-7,  
 263568-54-3, 306291-75-8

MF (C2 H4 O)n Cl2 H26 O4 S . Na

CI PMS, COM

PCT Polyether

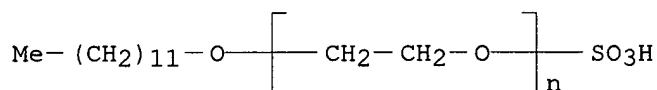
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS, CA, CAPLUS,  
 CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, EMBASE, HSDB\*, IFICDB,  
 IFIPAT, IFIUDB, IPA, MSDS-OHS, PIRA, PROMT, RTECS\*, TOXCENTER, USPAT2,  
 USPATFULL

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CRN (26183-44-8)



● Na

2472 REFERENCES IN FILE CA (1967 TO DATE)

14 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

2478 REFERENCES IN FILE CAPLUS (1967 TO DATE)